

length is by Mr. F. M. Chapman, 'Notes on the Carolina Paroquet (*Conurus carolinensis*) in Florida' (pp. 4-6), in which he gives interesting details of his experience with this bird on the Sebastian River in March, 1889. The publication unfortunately lacks an index.—C. F. B.

**Minor Ornithological Publications.**—'Forest and Stream,' last noticed here in Vol. VI, pp. 174-180 (April, 1889), continues to have much valuable ornithological matter. It is greatly to be regretted that some of the best contributors to its natural history columns hide their identity under pseudonyms, and thus lessen the scientific value of their communications. Vols. XXX-XXXIV, Jan. 26, 1888-July 17, 1890, contain the following (Nos. 1678-1932):—

1678. *Kingfisher in New York in Winter.* By Robert B. Lawrence. 'Forest and Stream,' Vol. XXX, Jan. 26, 1888, p. 6.

1679. *Ice-bound Rail.* By Robert B. Lawrence. *Ibid.*—*Porzana carolina* at Flushing, L. I., Dec. 23.

1680. *The Hardy Snipe.* By W. D. Pickett. *Ibid.*, Feb. 2, p. 24.—*Gallinago delicata* wintering in Wyoming.

1681. *Winter Bird Notes.* By X. Y. Z., J. L. K., and C. L. S. *Ibid.* p. 25.

1682. *Food of the European Sparrow.* By Hoosier. *Ibid.*

1683. *Kingfisher in Winter in Massachusetts.* By C. B. *Ibid.*, Feb. 9, p. 44.

1684. *Powder-down Feathers in Herons.* By C. E. B. *Ibid.*, p. 46.

1685. *Canadian Birds.* *Ibid.* Feb. 16, p. 64.—A review of Montague Chamberlain's 'Catalogue of Canadian Birds.'

1686. *Winter Kingfishers.* By A. B. George. *Ibid.*—In Michigan.

1687. *The Food of Rapacious Birds.* By Edward Swift. *Ibid.*, March 1, p. 104.—With tabulated report of contents of stomachs of fourteen species.

1688. *Kingfishers in Winter.* By George H. Shelton. *Ibid.*—In Connecticut.

1689. *The Food of Rapacious Birds.* By M. G. Ellzey, M.D. *Ibid.*, March 15, p. 144.—Especially *Accipiter velox*.

1690. *The Willet (*Symphemia semipalmata*) Alighting on Trees.* By John C. Cahoon. *Ibid.*, March 22, p. 165.

1691. *Ridgway's North American Birds.* *Ibid.*, March 29, p. 184.—Review of 'A Manual of North American Birds' by Robert Ridgway.

1692. *A Little Girl on Sparrows.* By Susie J. Allen. *Ibid.*—*Passer domesticus*.

1693. *The American Skylark.* By R. I. B. *Ibid.*, p. 185.—*Alauda arvensis* on Long Island.

1694. *A Blue Heron on Mid-ocean.* By Mac. *Ibid.*

1695. *Notes on the English Sparrow.* By Ernest E. Thompson. *Ibid.*, April 5, pp. 204-205.—With tabulated report of contents of stomachs examined.

1696. *An Early Yellow Rail*. By E. H. Austin. *Ibid.*, p. 205. — At Gaylordsville. Conn., March 24.

1697. *Aquatic Turkeys*. By Dupont. *Ibid.*, April 12, p. 223.

1698. *Birds at a Government Post*. By Edward Clark. *Ibid.* — In winter and early spring at David's Island, New York Harbor.

1699. *The Song Sparrow*. By Ernest E. Thompson. *Ibid.*, April 19, p. 244. — Plan for investigating its life history.

1700. *The "Cranesback."* *Ibid.*, April 26, pp. 268-269. — Chiefly a quotation from a letter by J. E. Harting in the 'London Field,' giving evidence of small birds being carried in migration on the backs of Cranes, Geese, etc.

1701. *Post-nuptial Migration*. By Roxey Newton. *Ibid.*, p. 269. — The males of certain species leaving their mates at the beginning of incubation.

1702. *Bird Notes from Canada*. By J. L. [=M.] Lemoine. *Ibid.* — Migrants at Quebec.

1703. *Col. Pickett's English Snipe*. *Ibid.* — *Gallinago delicata* wintering in Wyoming. See also *antea*, No. 1680.

1704. *Are Hawks Destructive of Game*. By M. G. Ellzey, M. D. *Ibid.*, May 3, pp. 288-289. — Some notes on *Archibuteo lagopus sancti-johannis*.

1705. *Spring Bird Notes*. By Eben P. Dorr. *Ibid.*, p. 289. — At Buffalo, N. Y.

1706. *The Bird Hosts*. Editorial. *Ibid.*, May 24, p. 345. — Spring migrants about New York City.

1707. *Some Autumn Birds of the St. Mary's Lake Region*. By Geo. Bird Grinnell. *Ibid.*, May 24, pp. 348-349; May 31, pp. 368-369. — An annotated list of 74 species noted during October and November in northern Montana.

1708. *Familiarity of the Gray Jay*. By W. B. Mershon. *Ibid.*, June 21, p. 432. — *Perisoreus canadensis*.

1709. *Jay, Pigeon, Camera*. By Ebecmee. *Ibid.*, June 28, p. 452. — *Perisoreus canadensis* and *Ectopistes migratorius*.

1710. *Grouse in Captivity*. By Jay Beebe. *Ibid.*, p. 453. — *Bonasa umbellus*.

1711. *Plumage of the Mallard*. By J. L. Rooney. *Ibid.*

1712. *The Loon in Captivity*. By Edward Jack. *Ibid.*, July 12, p. 491.

1713. *The Names of Game Birds*. *Ibid.*, Vol. XXXI, Aug. 2, 1888, p. 24; Aug. 16, p. 65. — Review of Trumbull's 'Names and Portraits of Birds which Interest Gunners.'

1714. *Interesting Bird Notes*. By J. L. Davison. *Ibid.*, p. 63.

1715. *The Domestication of Wild Fowl*. By Fred. Mather. *Ibid.*, Aug. 23, p. 83.

1716. *Shore Birds*. By X. Y. Z. *Ibid.*, p. 85. — At Ipswich, Mass., in August.

1717. *The Pileated Woodpecker*. By Coahoma [=F. G. Dabney]. *Ibid.*, Sept. 6, p. 122.

1718. *Golden Plover*. By F. *Ibid.*, Sept. 13, p. 145. — Large flights on Long Island.

1719. *The Foot of the Wood Duck*. By Fred. Mather. *Ibid.*, Oct. 4, p. 205. — Climbing powers of the young.
1720. *A Captive Grouse*. By J. B. Battelle. *Ibid.*, Oct. 25, p. 264. — *Bonasa umbellus*.
1721. *Economic Ornithology*. *Ibid.*, Nov. 1, p. 284. — Review of 'Report of the Ornithologist and Mammalogist [of the Department of Agriculture] for 1887.'
1722. *A Ruffed Grouse in Town*. By Henry J. Thayer. *Ibid.*, p. 285. — In Cambridge, Mass.
1723. *Failure of the Woodcock Flight*. By E. H. Lathrop. *Ibid.*, p. 286. — See also Nos. 1725 and 1727.
1724. *Game in Town*. By von W., J. G. L., J. L. Davison, Blue Ridge, E. T. Johnson and Hub. *Ibid.*, Nov. 15, p. 323; Dec. 13, p. 408; Dec. 20, p. 435. — *Bonasa umbellus*, *Colinus virginianus* and *Philohela minor*.
1725. *The Woodcock Flight*. By E. H. Lathrop. *Ibid.*, p. 326.
1726. *Notes from Missouri*. By J. B. *Ibid.*, Nov. 22, p. 343.
1727. *The Woodcock Supply*. By N. A. Plummer, Notliks, A. B. C., Alfred A. Fraser, Whit., Sandpiper, H. B. N., C. B., *et al.* *Ibid.*, p. 345; Nov. 29, p. 367; Dec. 13, p. 411; Dec. 27, p. 458.
1728. *The Annual Meeting of the A. O. U.* *Ibid.*, Nov. 29, p. 363.
1729. *Destruction in Migration*. By Ruthven Deane. *Ibid.*, Dec. 6, p. 385. — Near Chicago and Racine in May, 1888.
1730. *Turkey Buzzards and Cowbirds*. By Coahoma [=F. G. Dabney]. *Ibid.*, Dec. 13, p. 407.
1731. *Range of the Wild Turkey*. By Charles F. Batchelder. *Ibid.*
1732. *Notes on New Mexican Shrikes*. By R. W. Shufeldt. *Ibid.* *Lanius borealis* and *L. l. excubitorides*.
1733. *Chestnut Ruffed Grouse*. By F. W. *Ibid.*, p. 408. — Individual variation in *Bonasa umbellus*.
1734. *Owl and Man*. By C. H. Ames. *Ibid.*, Dec. 20, p. 435. — A man attacked by a large Owl.
1735. *Nesting of Leach's Petrel*. By F. H. Carpenter. *Ibid.*, p. 436.
1736. *Massachusetts Killdeer Plover*. By Hub. *Ibid.*, p. 437.
1737. *An Interesting Hybrid*. *Ibid.*, Dec. 27, p. 455. — From the 'Evening Mercury,' St. Johns, N. F. A supposed hybrid between the Blackcock and the Ptarmigan.
1738. *Grasshoppers and Hawks*. By Dr. C. Hart Merriam. *Ibid.*, pp. 455-456. — Great numbers of grasshoppers caught by Hawks, especially *Buteo swainsoni*.
1739. *Mississippi Valley Bird Migration*. *Ibid.*, Jan. 3, 1889, p. 475. — Review of Bulletin No. 2 of the Division of Economic Ornithology, Department of Agriculture.
1740. *Facksnipe in January*. By G. C. P. *Ibid.*, Jan. 17, p. 515. — *Gallinago delicata* (?) at Granville, Ohio.
1741. *Shore Birds of Central New York*. By Morris M. Green. *Ibid.*, Vol. XXXII, Jan. 31, 1889, p. 22. — 34 species recorded.

1742. *Pennsylvania Birds. Ibid.*, p. 22. — Review of B. H. Warren's 'Report on the Birds of Pennsylvania.'
1743. *Want of Foresight.* By A. H. G. *Ibid.* — On the absence of various winter birds at Scarborough, N. Y.
1744. *Golden winged Woodpecker in Massachusetts.* By Hermit. *Ibid.*, Feb. 14, p. 63. — Food in winter.
1745. *Winter Woodpeckers of Michigan.* By E. L. Moseley. *Ibid.*
1746. *Habits of the Flicker.* By C. W. Chamberlain. *Ibid.*, Feb. 28, p. 107.
1747. *The Jekyl Island Pheasants.* Editorial. *Ibid.*, March 7, p. 129. — Propagation of Pheasants at Jekyl Island, Georgia. See also pp. 169 and 355, and Vol. XXXIII, Aug. 22, 1889, p. 81.
1748. *Midwinter Bird Notes.* By Shoshone. *Ibid.*, March 7, p. 131. — Notes on migration at Kearney, Neb.
1749. *Hummingbird on the Ground.* By Chas H. Eldon. *Ibid.* — *Trochilus colubris* alighting on the ground.
1750. *Crows and Poison Ivy.* By W. B. Barrows. *Ibid.*, March 14, p. 151. — Scattering the seed.
1751. *Ways of the Woodpecker.* By Fannie Heatherington. *Ibid.*
1752. *Woodcock Breeding in North Carolina.* *Ibid.* — From the 'Wilmington (N. C.) Daily Star.'
1753. *Five Days a Savage.* By Edward Howe Forbush. *Ibid.*, March 21, p. 171; March 28, p. 191; April 4, p. 211; May 2, pp. 294-295; May 9, pp. 314-315. — Notes on various birds in the Gulf of Georgia, B. C.
1754. *A Grouse Trajectory.* By Jay Beebe. *Ibid.*, April 4, p. 212. — Flight of a Ruffed Grouse.
1755. *Bird Notes from Maryland.* By M. G. Ellzey, M. D. *Ibid.* — In winter and early spring.
1756. *Honkings from the Platte.* By Shoshone. *Ibid.* — On migration of Geese and a few other birds in Nebraska.
1757. *The Migration of the Ducks.* By Shoshone. *Ibid.*, April 18, p. 256. — Interesting notes on Ducks and Geese in Nebraska.
1758. *Questions about Chimney Swifts.* By W. E. Saunders. *Ibid.*, May 2, p. 295. — Migration.
1759. *Migrations on the Plains.* By Shoshone. *Ibid.* — Chiefly water birds about Kearney, Neb.
1760. *Range of the Wild Turkey.* By Sullivan Cook. *Ibid.*
1761. *Whistling Swan in Niagara County, N. Y.* By J. L. Davison. *Ibid.*
1762. *Nests of the Great Horned Owl.* By O. B. H. *Ibid.*, May 9, p. 315.
1763. *Domesticated Wild Geese.* By J. L. Davison. *Ibid.* — *Branta canadensis.*
1764. *A Captive Robin.* By Robt. B. Lawrence. *Ibid.*, p. 316.
1765. *Florida Birds of Plume.* Editorial. *Ibid.*
1766. *Brant in Michigan.* By Robert B. Lawrence. *Ibid.* — *Branta bernicla.*

1767. *Spring in New Brunswick*. By Edward Jack. *Ibid.*, p. 317.—*Branta canadensis*.
1768. *British Columbia Notes*. By Stanstead. *Ibid.*, May 23, p. 355.—*Dendragapus obscurus fuliginosus*.
1769. *Massachusetts Bird Notes*. By F. C. Browne. *Ibid.*—Species noted near Framingham, May 12.
1770. *Brant Shooting at Cape Cod*. By W. Hapgood. *Ibid.*, May 30, p. 377.—*Branta bernicla*.
1771. *Nesting Habits of Hawks*. By Walter C. Wood. *Ibid.*, June 13, p. 420.—Especially *Buteo lineatus*.
1772. *Spring Notes on Migratory Birds*. By Robert Ridgway. *Ibid.*—At Laurel, Md.
1773. *Chimney Swallows*. By J. S. C. *Ibid.*—Migrations.
1774. *Ruffed Grouse's Nest with Fifteen Eggs*. *Ibid.*, p. 421.—From the 'Worcester [Mass.] Spy.'
1775. *Long Island Birds*. By Wm. Dutcher. *Ibid.*, June 20, p. 444.—A request for information.
1776. *To Pennsylvania Ornithologists*. By B. H. Warren. *Ibid.*, p. 445.—A request for information.
1777. *The Contradictory Crow*. Editorial. *Ibid.*, June 27, p. 465.—Notice of investigations by the Department of Agriculture as to the Crow's beneficial and injurious qualities.
1778. *Economic Ornithology*. Editorial. *Ibid.*, July 4, p. 489.—Notice of the annual report of the Department of Agriculture.
1779. *North American Birds*. Editorial. *Ibid.*—Notice of H. Nehrling's 'North American Birds.'
1780. *Range of the Turkey Buzzard*. By J. A. Loring. *Ibid.*, p. 490.—At Owego, N. Y.
1781. *The Woodcock's Whistle*. By H. B. N. *Ibid.*, July 11, p. 510.
1782. *Outdoor Notes from Louisiana*. By H. P. U[plford]. *Ibid.*, July 18, p. 528.—*Ardea cærulea*.
1783. *The Sparrow Pest*. By Jacobstaff. *Ibid.*—*Passer domesticus*.
1784. *Ruffed Grouse Eggs*. By John Williams. *Ibid.*—Notes on number of eggs and period of incubation of *Bonasa umbellus* and *Colinus virginianus*.
1785. *A Study of Woodcock*. By Paul Pastnor. *Ibid.*, pp. 528-529.
1786. *Can the Nuisance be Abated?* Editorial. *Ibid.*, Vol. XXXIII, July 25, 1889, p. 1.—*Passer domesticus*.
1787. *Ways of the Woodcock*. Editorial. *Ibid.*, Aug. 1, p. 21.—Interesting observations about feeding habits and notes.
1788. *The Woodcock and the Worm*. By E. B. and William Brewster. *Ibid.*, p. 24.—Mr. Brewster's article is an important contribution to our knowledge of the Woodcock's habits.
1789. *A Hard Time of It*. By A. H. G. *Ibid.*, Aug. 8, p. 43.—An item about *Turdus mustelinus*.
1790. *Notes on the Woodcock*. By Canonicus. *Ibid.*, pp. 44-45.
1791. *The Woodcock's Whistle*. By Robert T. Morris. *Ibid.*, Aug. 15, p. 65.

1792. *The Loon's Flight*. By Caryl D. Haskins. *Ibid.*
1793. [*The Woodcock and the worm.*] Editorial. *Ibid.*, Aug. 22, p. 81.
1794. *The Woodcock's Whistle*. By William Brewster and W. *Ibid.*, p. 83.
1795. *Bird Notes from Missouri*. By Jasper Blines. *Ibid.*—Mention of *Mimus polyglottos*, *Harporhynchus rufus* and *Galeoscoptes carolinensis*.
1796. *The Plumed Quail of Arizona*. By T. W. B. *Ibid.*, pp. 84-85.—*Callipepla gambeli* (?).
1797. *Grouse Reared in Confinement*. Editorial. *Ibid.*, p. 85.—*Bonasa umbellus togata*.
1798. *The Woodcock's Whistle*. By H. B. N. *Ibid.*, Aug. 29, p. 104.
1799. *The Grouse of Utah*. By Geo. H. Wyman. *Ibid.*
1800. *The Woodcock's Whistle*. By H. B. Soule and F. W. *Ibid.*, Sept. 5, p. 123.
1801. *Quail in Dixie*. By Geo. H. Wyman. *Ibid.*—In Utah.
1802. *Range of the Wild Turkey*. By Chas. Hallock. *Ibid.*, p. 124.
1803. *Wild Pigeons*. By Geo. A. Boardman. *Ibid.*—Near Calais, Maine.
1804. *The Whistle of the Woodcock*. By C[harles] H[inkle] and Canonicus. *Ibid.*, Sept. 12, p. 143.
1805. *Birds of Niagara County, N. Y.* By J. L. Davison. *Ibid.*, Sept. 19, p. 164; Sept. 26, p. 183; Nov. 7, p. 303.—190 species are given, with brief annotations.
1806. *Massachusetts Wild Turkeys*. By A. C. Sikes. *Ibid.*, Sept. 19, p. 167.
1807. *Mockingbirds in Massachusetts*. By E. H. Lathrop. *Ibid.*, Oct. 3, p. 202.
1808. *Michigan Wild Turkeys*. By S. C. *Ibid.*, p. 205.
1809. *Birds of Plume*. *Ibid.*, Oct. 10, p. 224.—From the 'Mobile Register.' "10,000 Terns and other birds of plume" shipped to New York.
1810. *Hawk Migration*. By R. G. M. *Ibid.*, p. 225.
1811. *Wild Pigeon in Massachusetts*. By C. E. I. *Ibid.*, Oct. 17, p. 243.
1812. *The Woodcock's Whistle*. By Marstrand. *Ibid.*—*Scolopax rusticola*.
1813. *The Wild Pigeon*. Editorial. *Ibid.*, Oct. 24, p. 261.—Notes the occurrence of "many" in Prince George's County, Md.
1814. "*In a Garden*." By Coahoma [=F. G. Dabney]. *Ibid.*, p. 265.—A fight between two *Trochilus colubris*.
1815. *The Wiles of a Mother Teal*. By Rex. *Ibid.*—*Anas discors*.
1816. *Waders in Sandusky Bay*. By Dr. E. Sterling. *Ibid.*—*Limosa fedoa*, *Macrorhamphus griseus*, *Micropalama himantopus*.
1817. *New England Grouse*. By Special. *Ibid.*, p. 267.—*Bonasa umbellus* and *B. u. togata*.
1818. *Out-of-door Papers. From My Window*. By Fannie Pearson Hardy. *Ibid.*, Oct. 31, p. 283.—Notes on several species in [Northampton (?)] Mass.

1819. *Food of California Birds*. By Walter E. Bryant, Charles A. Keeler, Harry R. Taylor. *Ibid.*—A request for material and observations bearing on the subject.
1820. *Wild Pigeon in Massachusetts*. By H. J. Thayer. *Ibid.*, p. 288. —A pair said to have nested in Plymouth, Mass., in 1889.
1821. *Woodcock in Town*. By S. E., Duplex, and H. J. G. *Ibid.*, Nov. 7, p. 302; Nov. 14, p. 324.
1822. *A Tame Wild Duck*. By H. C. Newell. *Ibid.*, Nov. 7, p. 303. —*Anas obscura*.
1823. *Migration of Ducks*. By J. W. C. *Ibid.*—*Oidemia deglandi* in Buzzard's Bay and Vineyard Sound.
1824. *Out-of-door Papers. A Question of Taste*. By Fannie Pearson Hardy. *Ibid.*, Nov. 14, p. 323. — On food habits of *Sphyrapicus varius*, *Merula migratoria*, *Carpodacus purpureus* and *Pinicola enucleator*. 118
1825. *Wild Turkeys in New England*. By C. H. Ames. *Ibid.*, p. 325.
1826. *Annual Congress of the A. O. U.* *Ibid.*, Nov. 21, pp. 343-344. —A detailed narrative of the seventh congress of the Union.
1827. *A Tamed Ruffed Grouse*. By E. M. Stillwell. *Ibid.*, p. 344.
1828. *Wild Turkeys in New England*. By Milton P. Peirce. *Ibid.*, p. 346. — Reports of their occurrence about Mt. Tom and Mt. Holyoke in Massachusetts thirty years ago.
1829. *Bears, Birds and Fishes*. By T. H. B[ean?]. *Ibid.*, p. 348.
1830. *Gunning down by the Sea*. By James M. Scovel. *Ibid.*, Nov. 28, pp. 362-363. — Contains some notes on nesting of *Pandion haliaetus carolinensis*.
1831. *Out-of-door Papers. Winter Fishing*. By Fannie Pearson Hardy. *Ibid.*, p. 363. — Notes on a few winter birds in Maine, especially *Parus atricapillus*.
1832. *Game in Town*. By C. G., Milton P. Peirce and Medicus. *Ibid.*, p. 364. — Notes on *Bonasa umbellus*, *Cotinus virginianus*, and *Melanerpes erythrocephalus*.
1833. *Rare Birds in Rhode Island*. By Newton Dexter. *Ibid.* — *Grus canadensis* and *Iouornis martinica*.
1834. *Ruffed Grouse Plumage*. By G. W. Z. *Ibid.*
1835. *The Snowy Owl in New Jersey in November, 1889*. By L. S. Foster. *Ibid.*
1836. *Snowy Owl in Pennsylvania*. By W. K. P. *Ibid.*
1837. *Notes on the Snowy Owl*. By Osceola. *Ibid.*, Dec. 5, p. 384.
1838. *Snowy Owls in Maine*. By W. D. U. *Ibid.*
1839. *Weight of Grouse*. By Rudolph von Ohl. *Ibid.*, Dec. 12, p. 402. — *Bonasa umbellus* and *Cotinus virginianus*.
1840. *Snowy Owl in Massachusetts*. By C. W. C[hamberlain?]. *Ibid.*, p. 405.
1841. *Snowy Owl in Connecticut*. By John H. Sage. *Ibid.*
1842. *Grouse Notes*. By Jay Beebe. *Ibid.*, Dec. 19, p. 422. — *Bonasa umbellus*.
1843. *A December Robin's Nest*. By A. C. Kirkpatrick. *Ibid.*
1844. *Weight of Grouse*. By Robert T. Morris, M. D. *Ibid.*, p. 433. — *Bonasa umbellus*.

1845. *A Tame Snipe*. By Wm. Schott. *Ibid.*, Dec. 26, p. 449. — *Arenaria interpres*.
1846. *The Snowy Owl*. By L. S. Foster, C. P. Hubbard, and H. *Ibid.*
1847. *Great Gray Owl in New York*. By O. Stewart Bamber, M. D. *Ibid.*
1848. *Weight of Grouse*. By Noltiks. *Ibid.*, Jan. 2, 1890, p. 467. — *Bonasa umbellus*.
1849. *A Wild Pigeon Flight*. By Keouk. *Ibid.*
1850. *The Ways of the Woodcock*. By T. M. Aldrich. *Ibid.*, pp. 468-469. — An article of great interest.
1851. *The Chinese Pheasants*. By J. F. L. *Ibid.*, p. 471.
1852. *Hawks that Kill Hens*. By M. G. Ellzey, M.D. *Ibid.*, Jan. 9, p. 497. — Contains notes on *Buteo latissimus*, *B. borealis*, *Archibuteo lagopus sancti-johannis*, *Circus hudsonius*, and *Colinus virginianus*.
1853. *Snowy Heron on Lake Ontario*. By E. E. Chapman. *Ibid.*
1854. *Cape Cod Quail*. By J. C. C[ahoon]. *Ibid.*, p. 498.
1855. *The Snowy Owl*. By Shoshone and S. C. Clarke. *Ibid.*, Jan. 16, p. 511.
1856. *El Carpintero*. By Arefar. *Ibid.*, p. 512. — *Melanerpes formicivorus bairdi*.
1857. *An Albino Hairy Woodpecker*. *Ibid.*
1858. *Game Birds of the Plains*. By Shoshone. *Ibid.*, pp. 513-514. — Includes a list of 'game birds' near Kearney, Nebraska, chiefly Waders and Ducks.
1859. *Weight of Grouse*. By Sus. Q. Hannah. *Ibid.*, p. 515.
1860. *Out-of-door Papers*. IX.—*Largely Personal*. By Fannie Pearson Hardy. *Ibid.*, Vol. XXXIV, Jan. 23, 1890, p. 4. — Contains notes on *Bubo virginianus* and *Nyctala acadica*.
1861. *Grouse in Confinement*. By G. Jaye and W. D. L. *Ibid.*
1862. *Snowy Owls*. By T. F. C. and J. Y. C. *Ibid.*, Jan. 30, p. 23.
1863. *Food of Quail*. By C. T. *Ibid.*, p. 27. — Seeds of skunk cabbage.
1864. *Wingless Birds of New Zealand*. By Edward Wakefield. *Ibid.*, Feb. 6, p. 44.
1865. *Evening Grosbeak in New England*. By William Brewster. *Ibid.*, pp. 44-45.
1866. *Evening Grosbeak in Central Ontario*. By John Ewart. *Ibid.*, p. 45.
1867. *The Snowy Owl*. By A. H. P. *Ibid.*
1868. *Notes on Pennsylvania Birds*. By B. H. Warren. *Ibid.*, Feb. 13, p. 64. — *Pipicola enucleator*, *Plectrophenax nivalis*, *Calcarius lapponicus*.
1869. *Evening Grosbeak in New York*. By A. K. Fisher and J. Alden Loring. *Ibid.*, pp. 64-65.
1870. *Evening Grosbeak in Western New York*. By J. L. Davison. *Ibid.*, p. 65.
1871. *The First Wild Geese of the Season*. By J. L. Davison. *Ibid.*



1872. *Weight of Grouse*. By W. V. B. *Ibid.*, p. 66. — *Bonasa umbellus*.
1873. *The Birds' Drinking Fountain*. By W. V. . *Ibid.*, Feb. 20, p. 82. — Woodpeckers and other birds drinking sap from a birch tree.
1874. *Bob White in Town*. By F. W. T. *Ibid.*
1875. *The Wily Grouse*. By Dorp. *Ibid.*, p. 84. — *Bonasa umbellus*.
1876. *The Evening Grosbeak*. By J. W. Gee, M.D., Albert Hall, Chippewa, Korax, William Brewster, and Ernest D. Wintle. *Ibid.*, Feb. 27, pp. 103-104. — Contains also a few notes on other species.
1877. *Cliff Swallow Nesting in December*. By H. D. Moore, M.D. *Ibid.*, p. 104.
1878. *Food of the Golden-eyed Duck*. *Ibid.*
1879. *Notes on the Woodcock*. By T. M. Aldrich. *Ibid.*, March 6, p. 123.
1880. *Evening Grosbeak in Pennsylvania*. By B. H. Warren, M. D. *Ibid.*
1881. *Robins and Olives*. By Arefar. *Ibid.*, March 13, p. 142.
1882. *Quail in Packs*. By Edmund Orgill. *Ibid.*, p. 143. — *Colinus virginianus*.
1883. *Notes of the Birds*. By Y. A. S., F. E. W., W. F. Dittrich, and J. L. K. *Ibid.* — Early spring birds in New York, Pennsylvania, and Virginia.
1884. *Evening Grosbeaks in Ontario*. By Ernest E. Thompson. *Ibid.*
1885. *The Evening Grosbeak*. *Ibid.* — At Saginaw, Mich.
1886. *Illinois Birds*. *Ibid.*, March 20, p. 167. — Review of Ridgway's 'Ornithology of Illinois.'
1887. *Evening Grosbeak in Massachusetts*. By E. H. Forbush. *Ibid.*
1888. *Arkansas Wild Turkeys*. By Geombeck. *Ibid.*, p. 169.
1889. [*Haunts of Gallinago delicata*.] Editorial. *Ibid.*, March 27, p. 185.
1890. [*Birds in New York City in a snowstorm*.] Editorial. *Ibid.*
1891. *Evening Grosbeaks in Connecticut*. By John H. Sage. *Ibid.*, p. 187.
1892. *Early Migrants*. By S. *Ibid.* — *Branta canadensis*.
1893. *A Winter Trip to Montauk*. By William Dutcher. *Ibid.*, April 3, pp. 206-207.
1894. *Courage of a Grouse*. By Dorp. *Ibid.*, p. 208.
1895. *California's Hard Winter*. By Arefar. *Ibid.*, April 10, p. 227. — Notes on several winter birds at Auburn, Cal.
1896. *Ways of the Woodcock*. By G. C. J. *Ibid.*, p. 228.
1897. [*Spring migrants*.] By von W. *Ibid.* — A 'wave' of *Merula migratoria* and *Sialia sialis*.
1898. *Birds of Gull Island, N. Y.* By Wm. Dutcher. *Ibid.*, April 17, pp. 246-247; April 24, p. 267.
1899. *Evening Grosbeak near Troy, N. Y.* By John A. Sampson. *Ibid.*, April 17, p. 247.

1900. *An Early Bird*. By C. T. Richardson. *Ibid.*, April 24, p. 267. — *Ardea herodias*.
1901. *From Eastern Massachusetts*. By M. A. Frazar. *Ibid.*, p. 268. — Notes on occurrence of various species chiefly in eastern Massachusetts.
1902. *A Well-bearded Turkey*. By T. J. S. *Ibid.*, p. 269. — Turkeys with more than one 'beard.'
1903. *Accidents to Home Builders*. By J. H. D., J. A. L[oring], and G. O. Shields. *Ibid.*, May 1, p. 287. — Birds killed by getting entangled in strings used in nest-building.
1904. *The Voices of Spring*. By J. M. Lemoine. *Ibid.* — Early migrants at Quebec.
1905. *He Does Eat Worms*. By Seymour Van Santvoord. *Ibid.* — *Philohela minor*.
1906. *The Woodcock's Song*. By D. *Ibid.*
1907. *European Widgeon*. *Ibid.* — See also under same caption, *ibid.*, May 8, p. 308.
1908. *Pelicans in Iowa*. By A. S. J. *Ibid.*, p. 291.
1909. *Foreign Game for America*. By W. W. Thomas, Jr. *ibid.*, May 8, p. 307. — A report to the Department of State recommending the introduction of *Tetrao urogallus* and *Tetrao tetrix* into the United States.
1910. *Evening Grosbeak in Pennsylvania*. By F. F. Castlebury. *Ibid.*
1911. *Birds from Deep Water*. By Dr. E. S[terling?]. *Ibid.*, p. 308.
1912. *Ten Cents Well Invested*. By A Steady Reader. *Ibid.* — A tamed Robin.
1913. *A Large Set of Crow's Eggs*. By A. C. Kempton. *Ibid.*, May 15, p. 328.
1914. *A Curious Grouse Drumming*. By Dorp. *Ibid.*, May 22, p. 347.
1915. *The Albatross at Home*. By Edward Wakefield. *Ibid.*, p. 348.
1916. *Golden Plover*. By E. E. F. *Ibid.*, p. 349. — Spring migration in Iowa.
1917. *Evening Grosbeak in New Hampshire*. By W. W. Colburn, *Ibid.*
1918. *King Duck on the Great Lakes*. By Dr. E. Sterling. *Ibid.*, p. 350. — *Somateria spectabilis* and other Ducks caught in gill nets in deep water.
1919. *Canada Grouse in Captivity*. By Watson L. Bishop. *Ibid.*, May 29, p. 367.
1920. *A Loon in a Cornfield*. By Cashie. *Ibid.*, p. 369.
1921. *Captive Canada Jays*. By Shelley W. Denton. *Ibid.*, June 5, p. 389.
1922. *Large Sets of Eggs*. By H. Casper. *Ibid.*
1923. *Killed in Migration*. By Dr. E. Sterling. *Ibid.* — Various species at Cleveland, Ohio, May 24.
1924. *Unusual Nesting Place of Junco*. By A. C. Kempton. *Ibid.* — *Junco hyemalis*.
1925. *The Black Partridge*. By J. J. Meyrick. *Ibid.* — *Fraulinus vulgaris*.

1926. *Woodcock and Snipe in the Middle West*. By Prof. R. A. Turtle. *Ibid.*, June 12, pp. 407-408.
1927. *Hints and Points on Ducks*. By Henry Kleinman. *Ibid.*, p. 409; June 19, pp. 431-432. — The writer's experience as a Duck-shooter, near Chicago.
1928. *Fox Sparrow in Nova Scotia*. By A. C. Kempton. *Ibid.*, p. 412. — Description of a nest and eggs.
1929. *Flight of the Ruffed Grouse*. By Dorp. *Ibid.*, June 19, p. 433.
1930. *Quail Invading Domestic Fowls' Nests*. *Ibid.*, July 3, p. 470. — From the 'Ashtabula Sentinel.'
1931. *Woodcock in a Tree*. By W. H. F. *Ibid.*, July 10, p. 491.
1932. *Life with the Old Hudson's Bay Co.* By George T. Farmer. *Ibid.*, July 17, pp. 512-513. — A few notes, especially on Ducks and Geese. — C. F. B.

**Publications Received.** — Berlepsch, Hans v., and Paul Leverkühn. *Studien über einige südamerikanische Vögel nebst Beschreibungen neuer Arten*. (Ornis, 1890.)

Büttikofer, J. *Zoölogical Researches in Liberia. On a Series of Birds collected by Mr. A. T. Demery in the District of Grand Cape Mount*. (Notes Leyden Mus., XII, pp. 197-206.)

Coues, Elliott. *Handbook of Field and General Ornithology: A Manual of the Structure and Classification of Birds, with Instructions for Collecting and Preserving Specimens*. London, MacMillan and Co., 1890, Svo. pp. 343.

Dury, Charles. *Notes on Ohio Birds*. (Journ. Cincin. Soc. Nat. Hist., July, 1890.)

Feilden, H. W. *The Deserted Domicile of the Diablotin in Dominica*. (Trans. Norfolk and Norwich Nat. Hist. Soc., Vol. V, pp. 24-39.)

Giglioli, Enrico Hillyer. *Primo Resoconto dei risultati della inchiesta Ornitologica in Italia. Pt. Seconda. Avifauna Locali*. Svo. pp. 698. Firenze, 1890.

Hancock, Joseph L. *Anomalies in the Limbs of Aves*. (N. Am. Practitioner, Sept. 1890.)

Lucas, Frederic A. *Catalogue of Skeletons of Birds collected at the Abrolhos Islands, Brazil, the Straits of Magellan, and the Gallapagos Islands, in 1887-88*. (Proc. U. S. Nat. Mus., XIII, pp. 127-130.)

Maynard, C. J. *Das Brüllen der amerikanischen Rohrdommel (*Botaurus lentiginosus* Steph.)*. (Ornith. Monatsschrift des Deutschen Vereins z. Schutze der Vogelwelt, XV, No. 9, pp. 242-254.)

Nehrling II. (1) *North American Birds, Part 3*. (2) *Die Nord-Amerikanische Vogelwelt, 8 Heft, 1890*.

Ramsey, E. P. (1) *Catalogue of the Australian Birds in the Australian Museum at Sidney, N. S. W. Part II. Striges*. (2) *Supplement to the Catalogue of the Australian Accipitres, or Diurnal Birds of Prey, in the Collection of the Australian Museum at Sidney, N. S. W.*

Reichenow, Ant. *Bericht über die Leistung in der Naturgeschichte der Vögel während des Jahres 1887*. (Arch. für Naturgesch., 1888, pp. 91-156.)